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April Reeves

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

C. Case et al.

Application No.: 09/942,087

Filed: August 28, 2001

For: MODULATION OF ENDOGENOUS

GENE EXPRESSION IN CELLS

Examiner: John S. Brusca

Group Art Unit: 1631

Confirmation No.: 7166

### TRANSMITTAL

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Enclosed please find the following:

- 1. Information Disclosure Statement under 37 CFR § 1.97 (c): 2 pages
- 2. PTO Form SB/08A: 1 page
- 3. PTO Form SB/08B: 1 page
- 4. References (16)
- 5. Check in the amount of \$180.00 for Information Disclosure Statement pursuant to 37 C.F.R. § 1.17(p).
  - 6. Return postcard

Please direct all communications regarding this application to the undersigned at the address given below.

Respectfully submitted,

Date: December 4, 2003

Sean M. Brennan

Registration No. 39,917

Sangamo BioSciences, Inc. 501 Canal Blvd., Suite A100 Richmond, California 94804

Telephone: (510) 970-6000 ext. 252

Facsimile: (510) 236-8951



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# INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97(c)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The information transmitted herewith may be material to the examination of the above-identified application. Copies of the information and completed forms SB/08A and SB/08B are provided herewith. The Examiner is respectfully requested to make this information of official record in the application.

This Information Disclosure Statement is filed before receipt of either a Final Office Action or a Notice of Allowance, and is accompanied by a fee of \$180.00 pursuant to 37 C.F.R. § 1.17(p).

This Information Disclosure Statement under 37 CFR § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or

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enabling; or (iv) the information listed above constitutes prior art to the subject application.

Respectfully submitted,

Date: December 4, 2003

Jean Brenner

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

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of 2

Complete if Known **Application Number** 09/942,087 Filing Date August 28, 2001 First Named Inventor C. Case Art Unit 1631 John S. Brusca **Examiner Name Attorney Docket Number S2-US5** 

<b>-</b>			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	D1	<sup>US-</sup> 5,602,009	02-11-1997	Evans et al.	- igaroo / ppour
	D2	<sup>US-</sup> 5,814,618	09-29-1998	Bujard et al.	
	D3	<sup>US-</sup> 6,004,941	12-21-1999	Bujard et al.	
	D4	<sup>US-</sup> 6,270,990	08-07-2001	Anderson et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines,	Τ
<u> </u>		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Offer Document	Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
	E1	WO 99/27092	06-03-1999	Prolifix Ltd.		
	E2	WO 01/04296 A1	01-18-2001	McGill Univ.		
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	Complete if Known	
Application Numb r	09/942,087	
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First Named Inventor	C. Case	
Art Unit	1631	
Examiner Name	John S. Brusca	ı
Attorney Docket Number	S2-US5	

Eventer	T 0:	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	F1	ALTINCICEK et al. "Interaction of the corepressor alien with DAX-1 is abrogated by mutations of DAX-1 involved in adrenal " J. Biol. Chem. 275:7662-7667 (2000)	
	F2	COOK et al. "Three conserved transcriptional repressor domains are a defining feature of the TIEG subfamily" J. Biol. Chem. 274:29500-29504 (1999)	
	F3	CRAWFORD et al. "Nuclear receptor DAX-1 recruits nuclear receptor corepressor N-CoR " Mol. Cell. Biol. 18:2949-2956 (1998)	
<del>_</del>	F4	ITO et al. "DAX-1 inhibits SF-1-mediated transactivation via a carboxy-terminal domain" Mol. Cell. Biol. 17:1476-1483 (1997)	
	F5	LAI et al. "RBP1 recruits the mSIN3-histone deacetylase complex to the pocket of " Mol. Cell. Biol. 21:2918-2932 (2001)	
	F6	LaPIERRE et al. "Identification of a novel transcriptional repressor encoded by human cytomegalovirus" J. Virology 75:6062-6069 (2001)	
	F7	MAXON et al. "Ash1p is a site-specific DNA-binding protein that actively represses transcription" Proc. Natl. Acad. Sci. USA 98:1495-1500 (2001)	·
	F8	SABBATTINI et al. "Binding of Ikaros to the lambda5 promoter silences transcription" EMBO Journal 20:2812-2822 (2001)	
	F9	ZAZOPOULOS et al. "DNA binding and transcriptional repression by DAX-1 blocks steroidogenesis" Nature 390:311-315 (1997)	
	G1	ZHANG et al. "A conserved alpha-helical motif mediates teh interaction of Sp1-like transcriptional repressore" Mol. Cell. Biol. 21:5041-5049 (2001)	

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